

ABSTRACT

A method and system are provided for allowing non-contact temperature measurement of an animate body. More particularly, a transponder sensor device
5 attached to an animate body is utilized to non-intrusively measure a temperature of the animate body in response to an interrogation signal transmitted over an air interface from a portable probe. In one embodiment, the sensor device is a passive device that is operative to collect energy from an interrogation signal emitted from the probe. In this
10 regard, the sensor device does not require an internal power source. The collected energy is utilized to measure the temperature of the animate body and transmit a response signal containing temperature information back to the probe over the air interface.